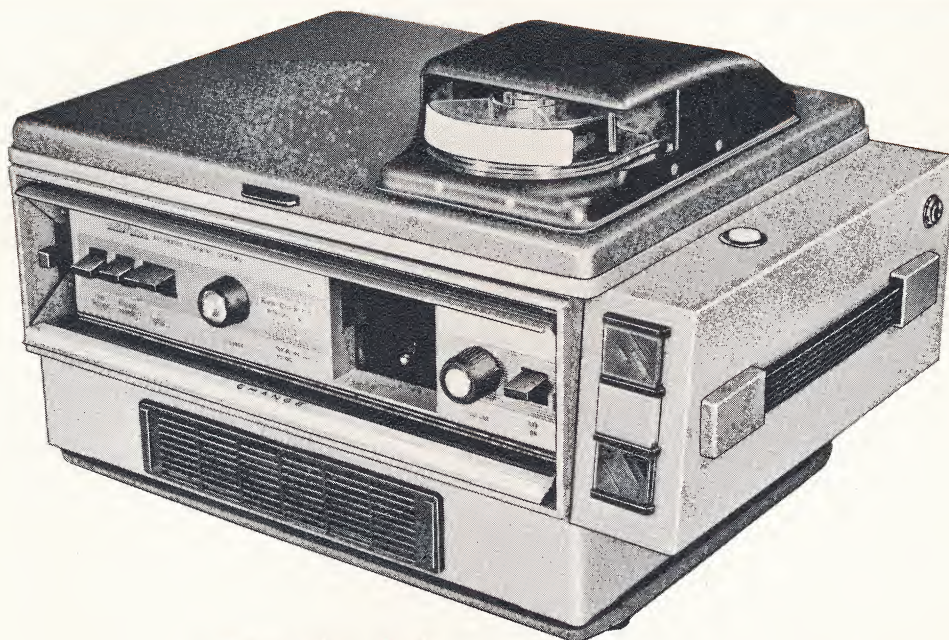




MARK VII Student Response

APPLICATIONS GUIDE

for Automated Instruction



The audioVision **MARK VII S/R** is a precision instrument designed for use as a student paced teaching machine. Projecting on a large wall screen or installed in any of the console units described herein, it presents the student with lectures, step-by-step procedures, and programmed information by means of colored visuals and descriptive audio. The Mark VII S/R permits multiple choice responses and visual and audio reinforcement based on the student's answer choice.

This machine blends all of the proven learning avenues of sight, sound, performance and evaluation-automatically.

AUTOMATED TEACHING SYSTEMS

Ken Cook Co. International Milwaukee, Wis.

MARK VII S/R DESK CONSOLE



A student pilot learns Federal Air Regulations by student response programming as part of the FAA approved audioVision Ground School Course.

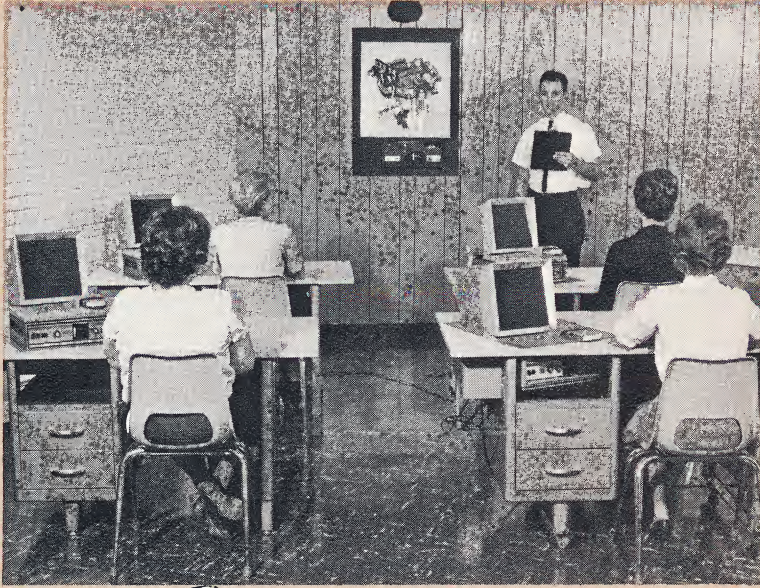
The installation of the Mark VII S/R in the audioVision Desk Console is designed for formal classroom or individual instruction. Though its most common application is for theory or "paper and pencil" learning, it is also ideally suited for simulating working conditions for small manual tasks such as inspection procedures or electronic testing.

The desk is gray finished steel with a plastic laminate working surface. The two drawers can be used to store program materials or may be incorporated in the task simulation.

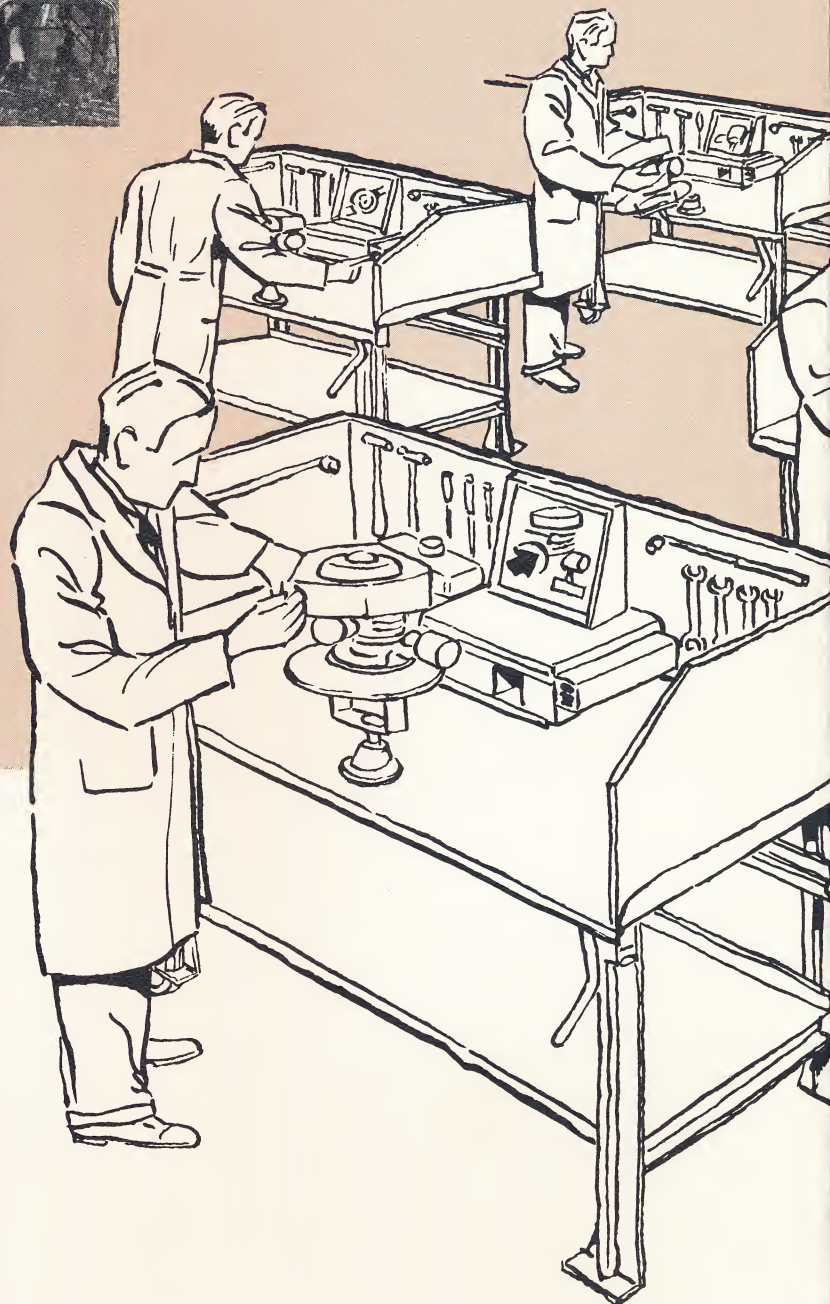
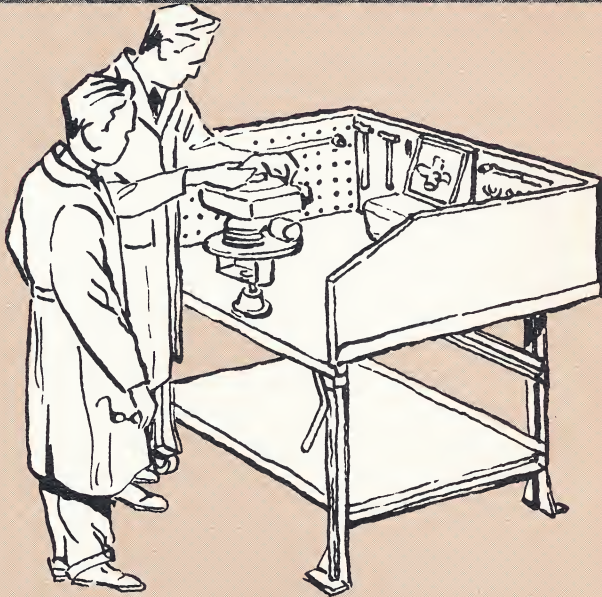
Quality workmanship in the Desk Console assures rigidity and long life combined with functional and attractive appearance.



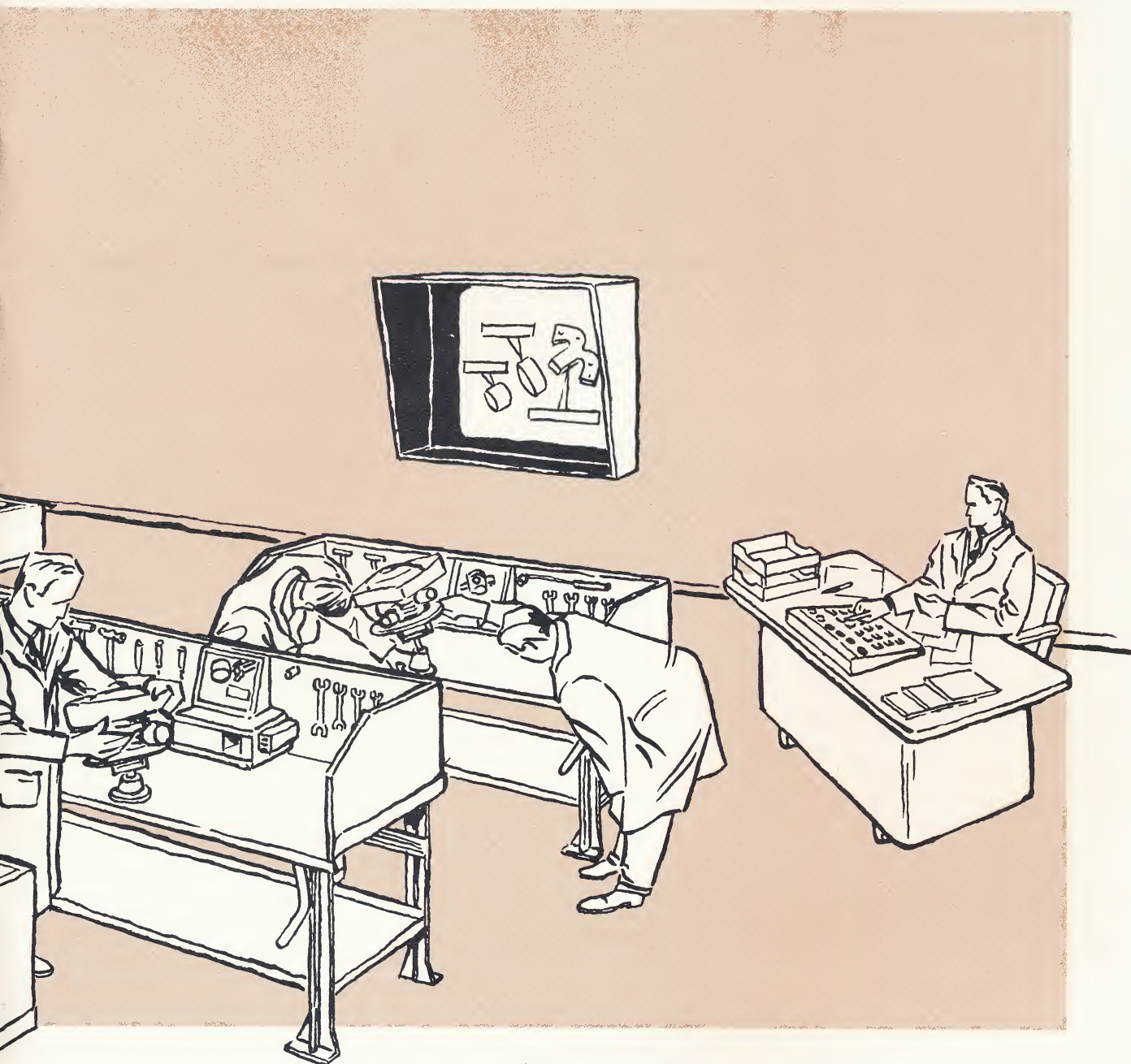
MARK VII S/R AUTO



The training director of a manufacturing firm introduces a group of new employees to an automated training session.



OMATED CLASSROOM

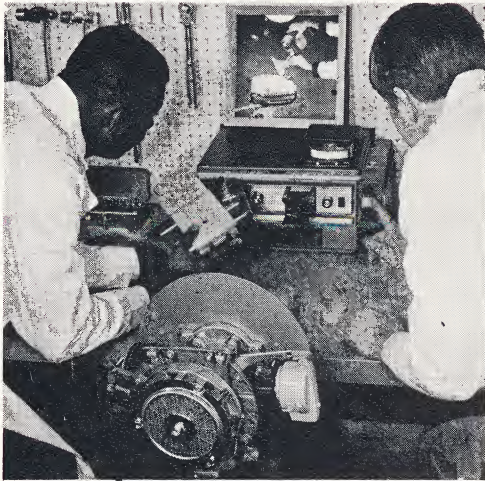


This sophisticated approach to training is the ultimate configuration in training centers. It incorporates a modified audioVision Wall Unit and any number of the console units described in this folder. All elements of the system are interconnected by wires usually imbedded in the floor. The Automated Classroom presents an entire unit of instruction automatically. When the instructor presses the "GO" button on the Wall Unit, the following automatic instruction takes place:

1. Wall Unit presents a basic lecture.
2. Wall Unit "goes to black" and turns on all consoles.
3. Students work individually at their consoles answering questions or performing procedures.
4. When five minutes remain in the work period, the Wall Unit comes back on to warn students of time remaining. It then "goes to black."
5. When the work period is ended the Wall Unit comes back on, turns off all consoles and presents a brief summary in lecture form. The Wall Unit stops automatically at the end of the summary and the instructor returns to answer questions.
6. Any student who doesn't finish his console program during the pre-programmed work period can turn on his console individually and complete his assignment.

This description is just one example of an automated unit of instruction. The Wall Unit lecture and console portions can be intermixed freely at the discretion of the programmer.

MARK VII S/R WORKBENCH CONSOLE

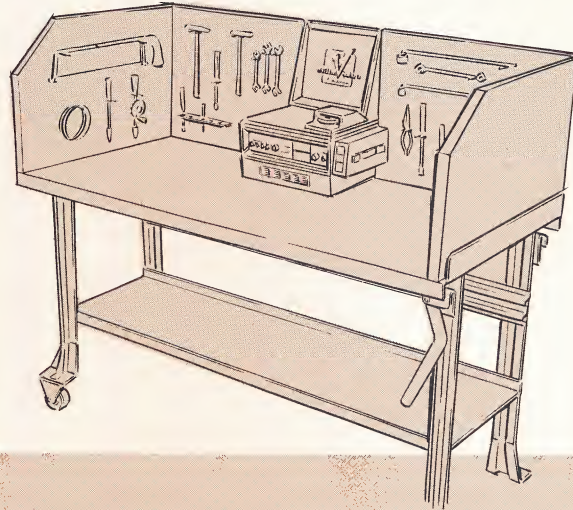


Two technician trainees study the fuel system as part of their 72 hours of automated instruction in the audioVision training course SET 1 (Small Engine Technician).

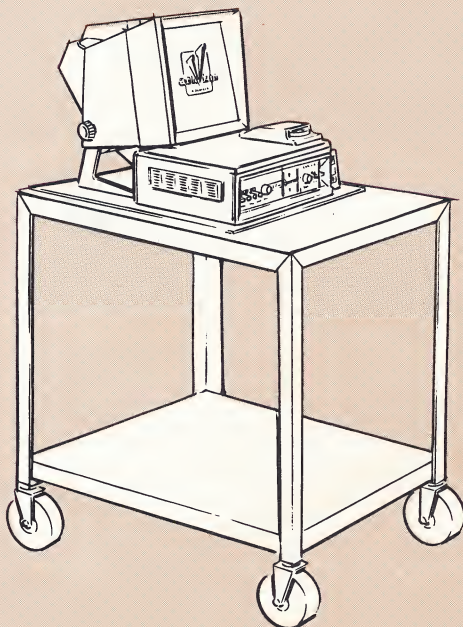
The Workbench Console is designed for training on heavy but portable equipment such as outboard motors, pumps, and other mechanical assemblies. The Mark VII S/R is shock mounted in order to absorb the heavy pounding that often accompanies this kind of work.

The basic bench which is made of enameled heavy gauge steel, has wheels on two of the legs and has handles at the other end to provide convenient mobility. When it is placed in position, it stands firm and solid.

The laminated sound-reducing enclosure serves a second purpose by providing a peg-board for tool hooks on three sides of the work station.



MARK VII S/R MOBILE CONSOLE



The Mobile Console was designed to provide thorough training facilities on equipment or machinery that cannot be simulated or brought to a central training area.

With the Mark VII S/R and console screen built into a sturdy steel stand with locking wheels, the benefits of ATS training can be attained in such locations as production areas, repair shops, and airplane hangars. Step-by-step procedures such as machine changeovers and troubleshooting are typical applications of this module.



A plant maintenance man receives procedural instruction in locating a trouble area on a mal-functioning production machine.

WHAT IS **ATS**?

Automated Teaching Systems is a new concept in training. It is a unique and effective instructional approach that combines proven teaching methods with sophisticated electronic equipment. ATS provides all of the necessary elements of instruction — automatically.

Automated Lecture Programs are presented to trainees individually or in groups.

Automated Step-by-Step Instruction is presented to students individually under simulated work conditions. Each student is given the opportunity to follow step-by-step procedures at his own pace.

Automated Student Response Programs question each student and provide immediate feedback and reinforcement.

It is the combination of proven teaching methods, audio-visual instruction, and modern electronic equipment that makes ATS vital to any company, agency, organization or school system that has the responsibility and the obligation to instruct.



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